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CQI VALUE CODING

ABSOLUTE CQI (E_{pilot}/N_t) MEASURED IN dB	ENCODED ABSOLUTE CQI MEASUREMENT (cqi_value)
BELOW -15.5 (OR MOBILE STATION NOT READY)	'0000'
-15.5 TO -14.0	'0001'
-14.0 TO -12.5	'0010'
-12.0 TO -11.0	'0011'
-11.0 TO -9.5	'0100'
-9.5 TO -8.0	'0101'
-8.0 TO -6.5	'0110'
-6.5 TO -5.0	'0111'
-5.0 TO -3.5	'1000'
-3.5 TO -2.0	'1001'
-2.0 TO -0.5	'1010'
-0.5 TO 1.0	'1011'
1.0 TO 2.5	'1100'
2.5 TO 4.0	'1101'
4.0 TO 5.5	'1110'
ABOVE 5.5	'1111'

FIG.1

ACCUMULATOR VALUE MAPPING FOR C/I CODES

CHANNEL QUALITY INDICATOR CHANNEL VALUE (cqi_value)	ACCUMULATOR VALUE (dB)
'0000'	-16.25
'0001'	-14.75
'0010'	-13.25
'0011'	-11.75
'0100'	-10.25
'0101'	-8.75
'0110'	-7.25
'0111'	-5.75
'1000'	-4.25
'1001'	-2.75
'1010'	-1.25
'1011'	0.25
'1100'	1.75
'1101'	3.25
'1110'	4.75
'1111'	6.25

FIG.2

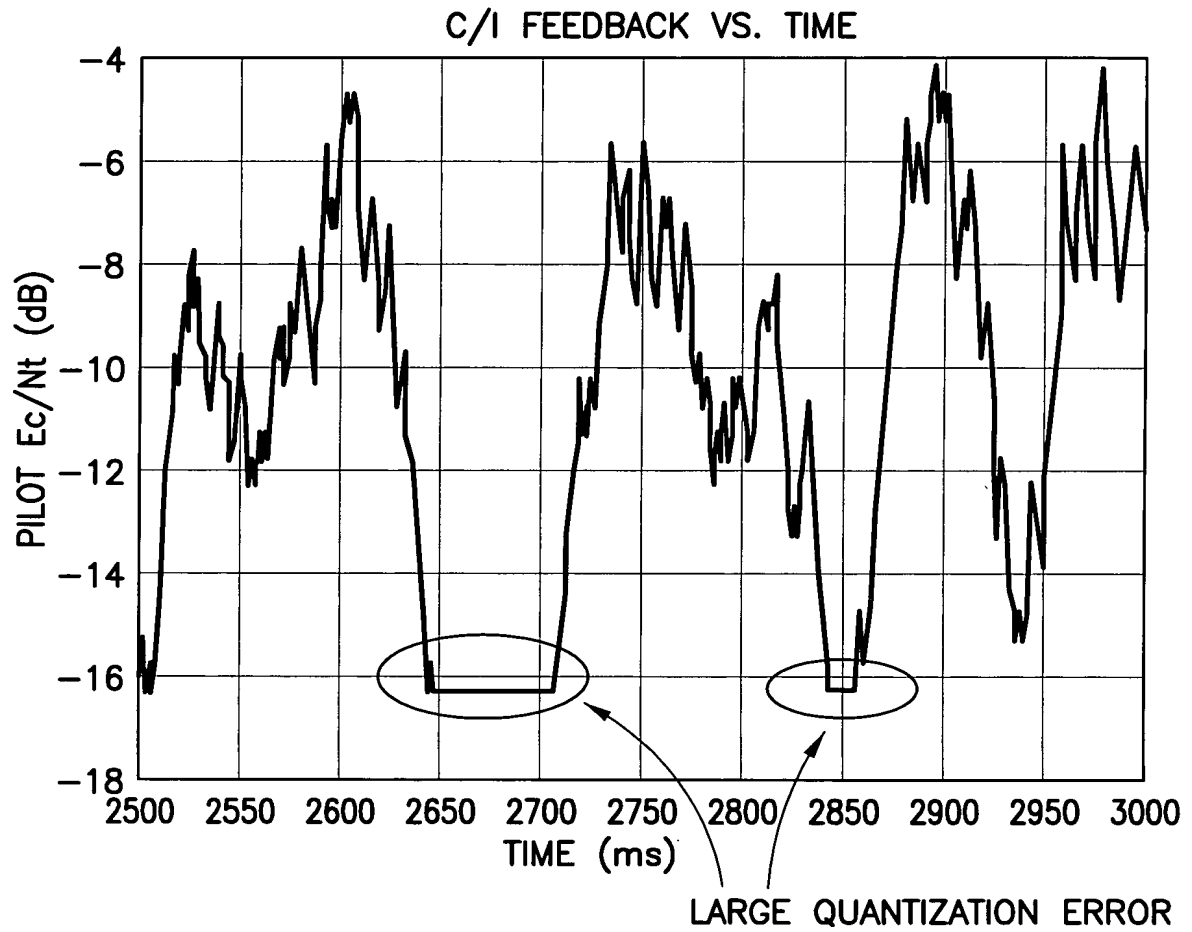


FIG.3

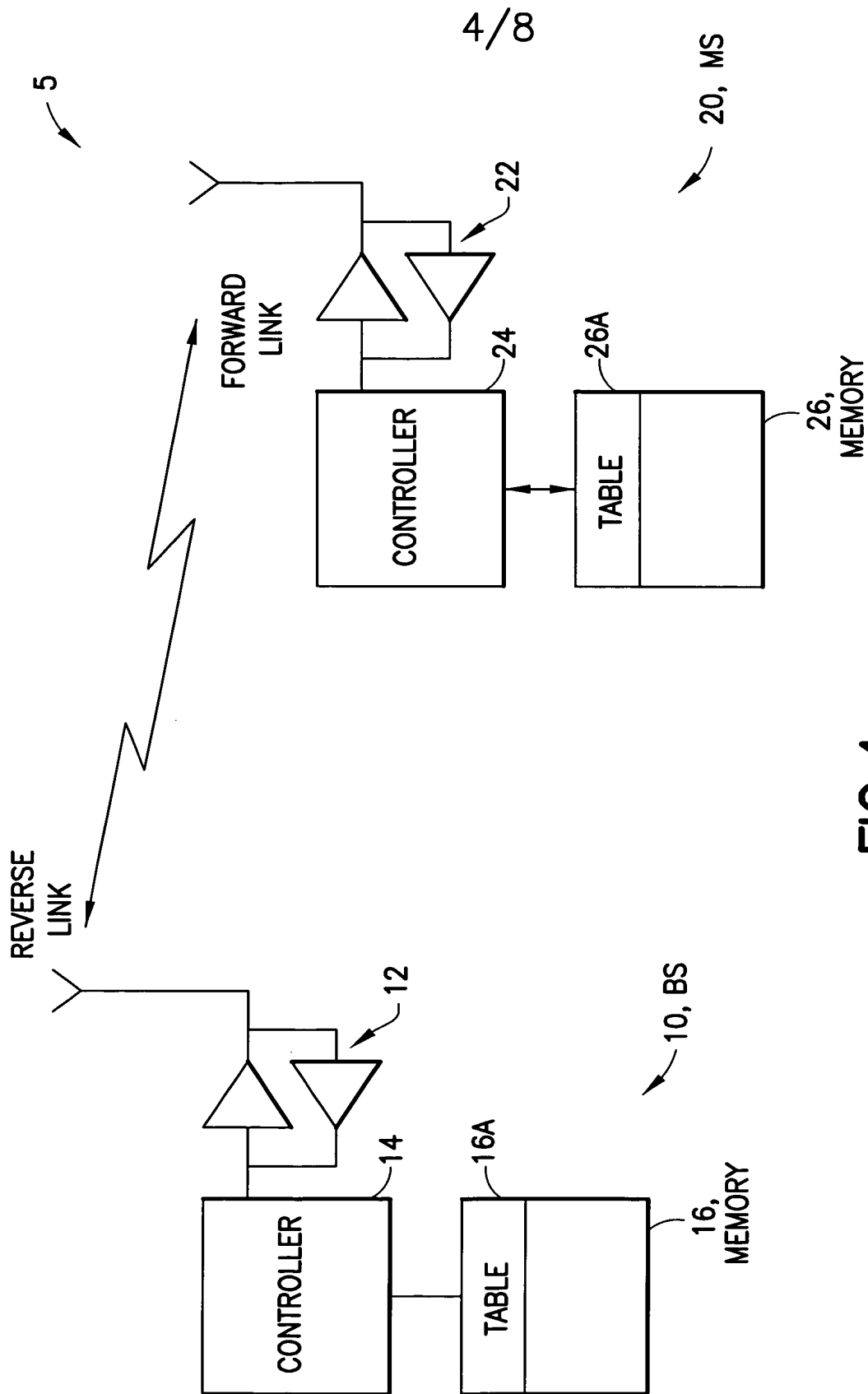


FIG.4

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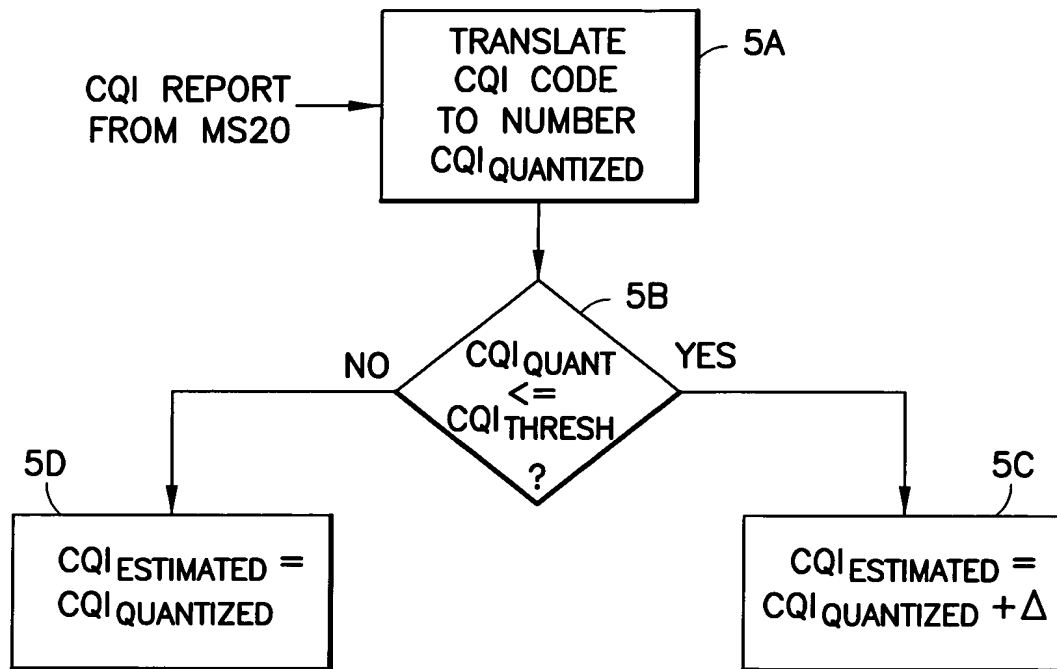


FIG. 5

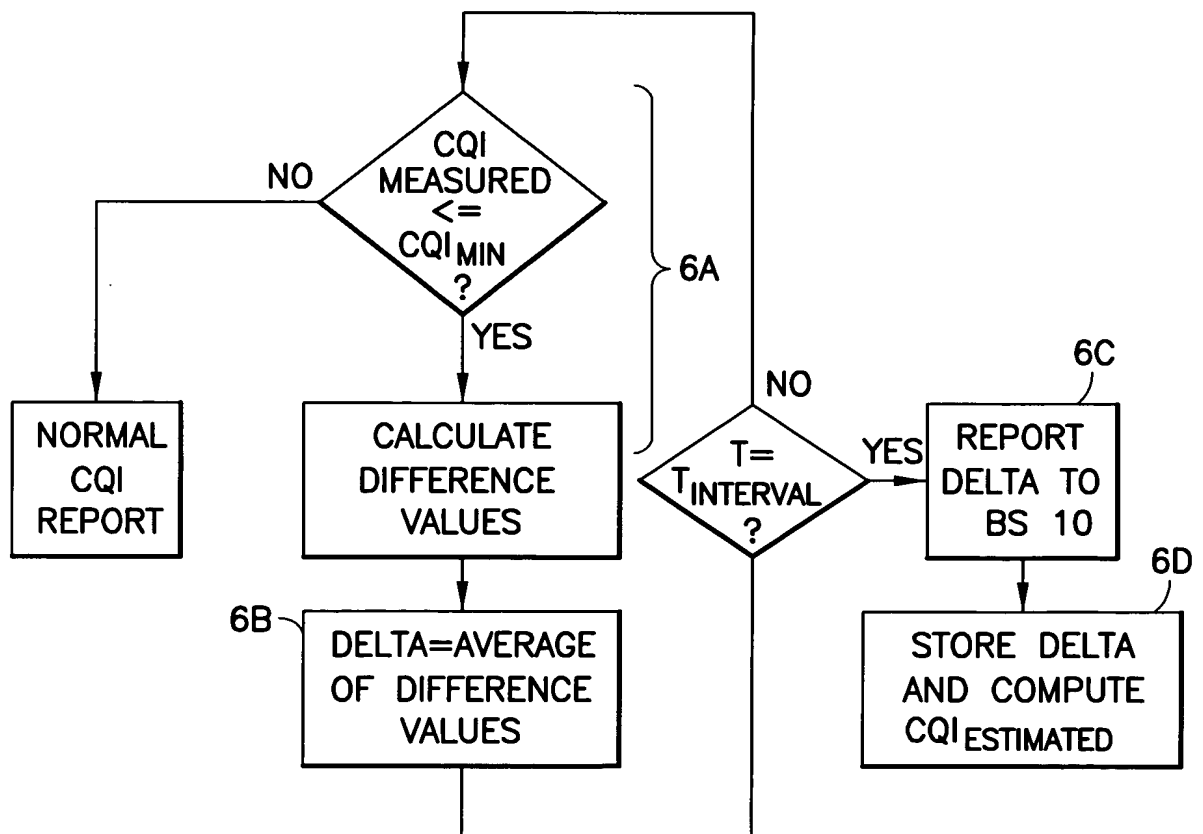
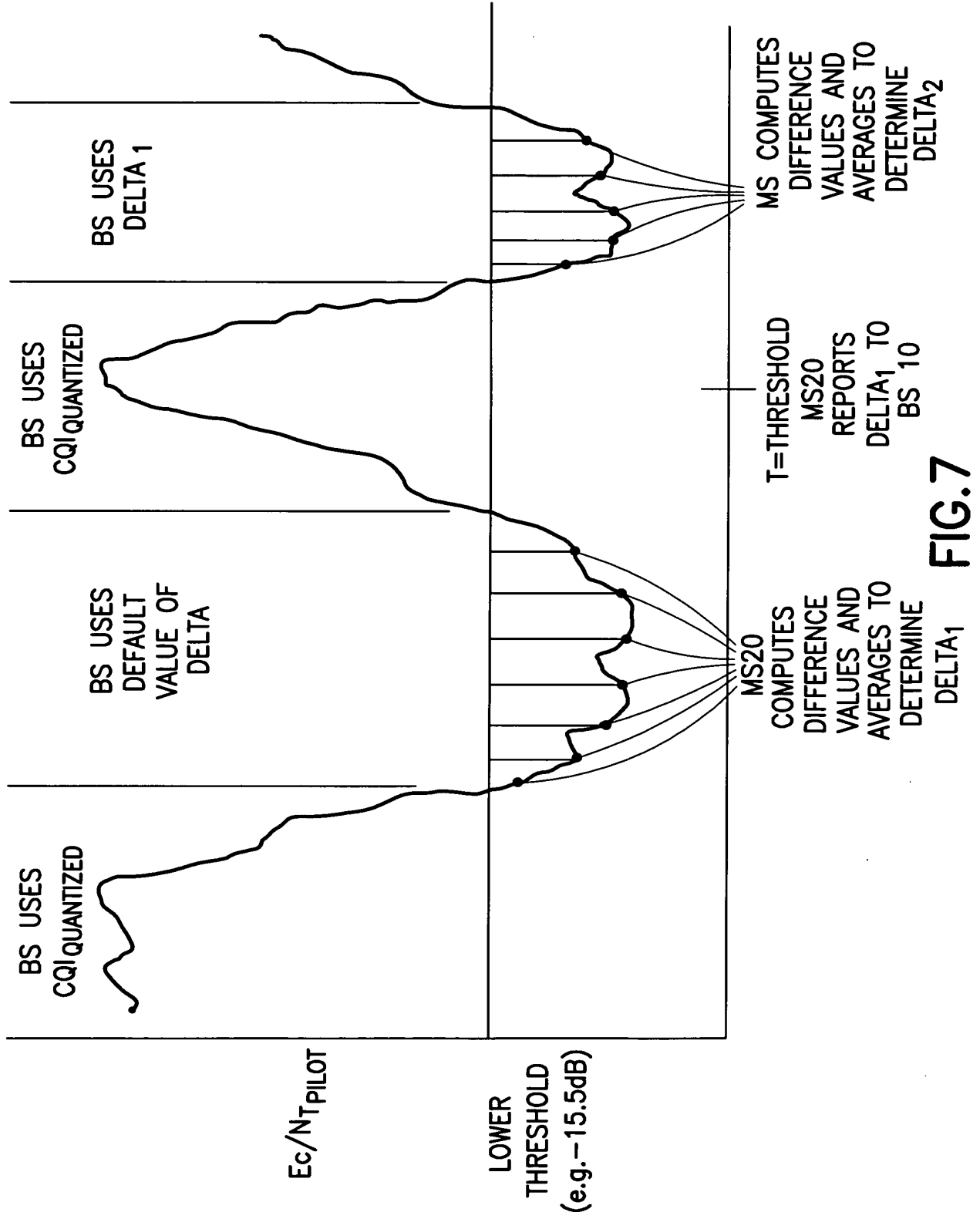


FIG. 6



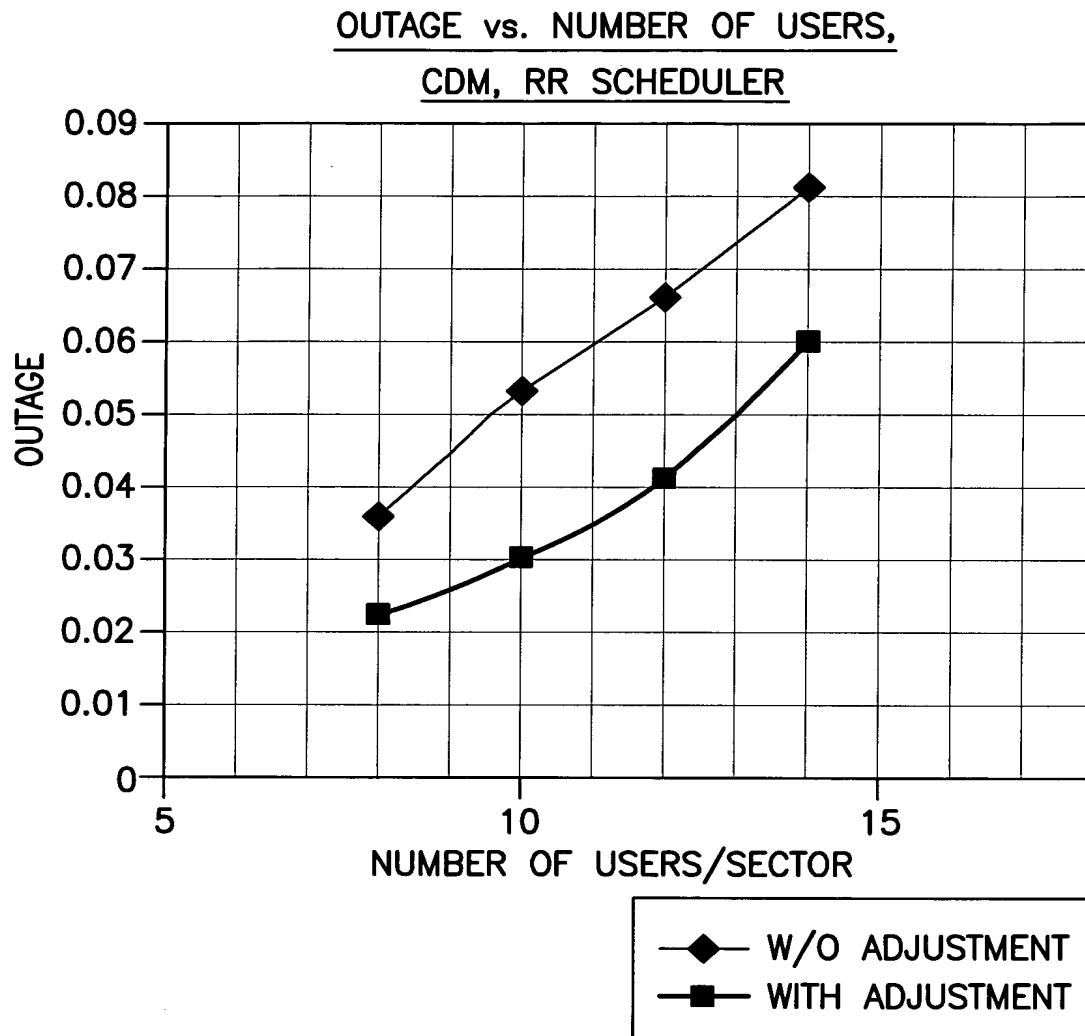


FIG.8

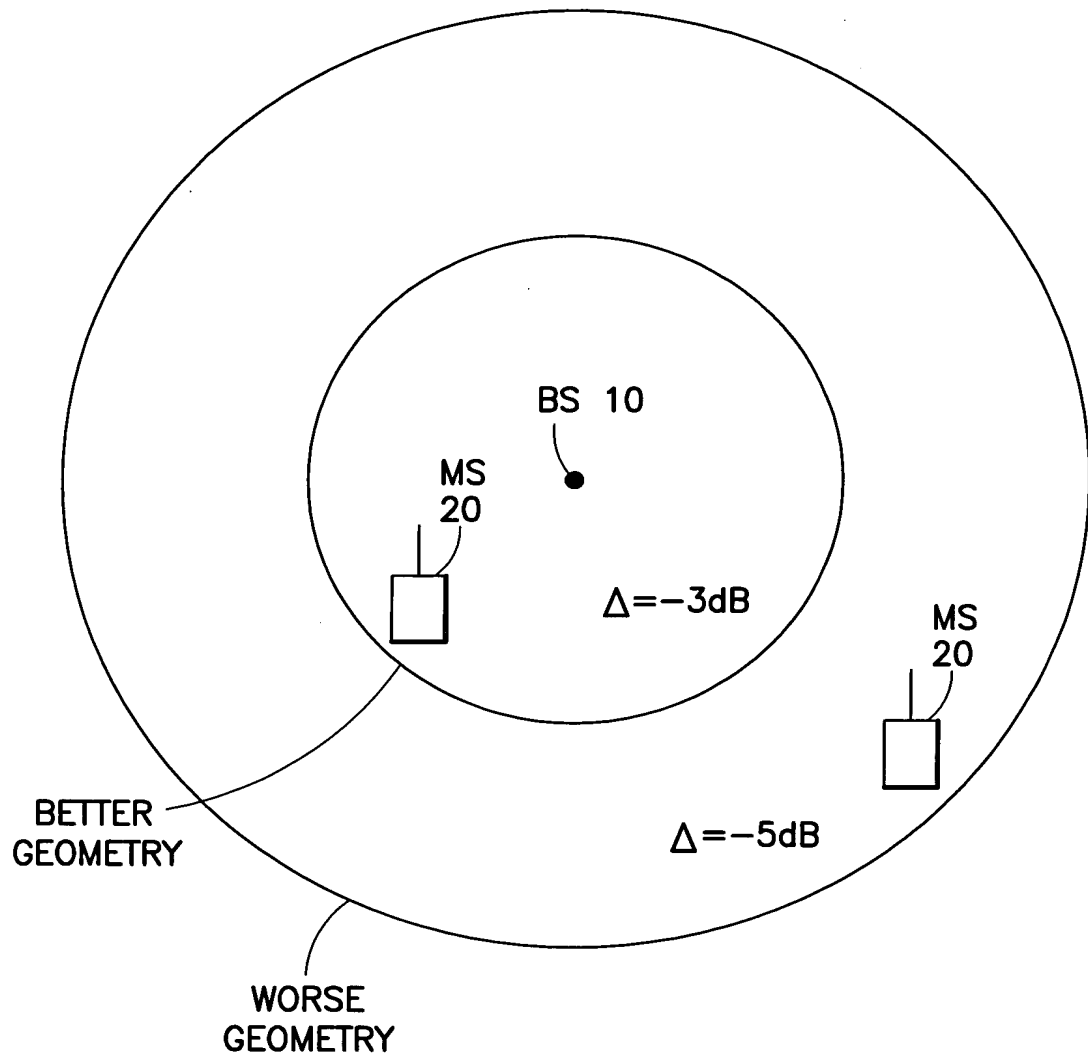


FIG.9